# IAP6 Rec'd PCT/PTO 07 SEP 2006

PTO-1390 (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
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| TRANSMITTAL LETTER TO THE UNITED STATES   |   | ATTORNEY'S DOCKET NUMBER<br>4046-044                          |  |  |  |  |  |
|---|---|---|--|--|--|--|--|
| DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371                    |   | U.S. APPLICATION No. (Inknown) seen37 GFR 1.5) To Be Assigned |  |  |  |  |  |
| INTERNATIONAL APPLICATION NO.   | INTERNATIONAL FILING DATE   | PRIORITY DATE CLAIMED   |  |  |  |  |  |
| PCT/AU2005/000331 TITLE OF INVENTION  | 9 March 2005 (09.03.2005)   | 9 March 2004 (09.03.2004)                                     |  |  |  |  |  |
| DRAIN BRUSH   |   |   |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US   | HALL, Derek, Shane  |   |  |  |  |  |  |
| Applicant herewith submits to the United S  | ates Designated/Elected Office (DO/EC   | D/US) the following items and other information:              |  |  |  |  |  |
| 1. This is a FIRST submission of items c  | oncerning a submission under 35 U.S.C. 37   | 1.  |  |  |  |  |  |
| 2. This is a SECOND or SUBSEQUENT   | submission of items concerning a submissio  | n under 35 U.S.C. 371.  |  |  |  |  |  |
| 3. This is an express request to begin na (5), (6), (9) and (21) indicated below.                   | tional examination procedures (35 U.S.C. 37   | 11(f)). The submission must include items                     |  |  |  |  |  |
| 4. The US has been elected (Article 31).  |   |   |  |  |  |  |  |
| 5. X A copy of the International Application  | on as filed (35 U.S.C. 371(c)(2))   |   |  |  |  |  |  |
| a. is attached hereto (require  | d only if not communicated by the Internation   | nal Bureau).  |  |  |  |  |  |
| b. 🗶 has been communicated b  | y the International Bureau.   |   |  |  |  |  |  |
| c. is not required, as the app  | c. is not required, as the application was filed in the United States Receiving Office (RO/US). |   |  |  |  |  |  |
| 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). |   |   |  |  |  |  |  |
| a. is attached hereto.  |   |   |  |  |  |  |  |
| b. has been previously submitted under 35 U.S.C. 154(d)(4).   |   |   |  |  |  |  |  |
| 7. Amendments to the claims of the Int  | ernational Application under PCT Article 19   | (35 U.S.C. 371(c)(3))   |  |  |  |  |  |
| a. are attached hereto (required only if not communicated by the International Bureau).             |   |   |  |  |  |  |  |
| b. have been communicated   | d by the International Bureau.  |   |  |  |  |  |  |
| c. have not been made; how  | vever, the time limit for making such amendr  | ments has NOT expired.  |  |  |  |  |  |
| d. 🗶 have not been made and   | will not be made.   |   |  |  |  |  |  |
| 8. An English language translation of   | he amendments to the claims under PCT Ar  | ticle 19 (35 U.S.C. 371(c)(3)).                               |  |  |  |  |  |
| 9. An oath or declaration of the invento  | or(s) (35 U.S.C. 371(c)(4)).  |   |  |  |  |  |  |
| 10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).                        | ne annexes of the International Preliminary E   | Examination Report under PCT                                  |  |  |  |  |  |
| Items 11 to 20 below concern document(  | s) or information included:   |   |  |  |  |  |  |
| 11. X An Information Disclosure Statemen  | t under 37 CFR 1.97 and 1.98.   |   |  |  |  |  |  |
| 12. An assignment document for record   | ing. A separate cover sheet in compliance w   | ith 37 CFR 3.28 and 3.31 is included.                         |  |  |  |  |  |
| 13. A preliminary amendment.  |   |   |  |  |  |  |  |
| 14. An Application Data Sheet under 37  | CFR 1.76.   |   |  |  |  |  |  |
| 15. A substitute specification.   |   |   |  |  |  |  |  |
| 16. A power of attorney and/or change of  | of address letter.  |   |  |  |  |  |  |
| 17. A computer-readable form of the sec   | quence listing in accordance with PCT Rule  | 13 <i>ter.</i> 2 and 37 CFR 1.821- 1.825.                     |  |  |  |  |  |
| 18. A second copy of the published Inte   | rnational Application under 35 U.S.C. 154(d)  | (4).  |  |  |  |  |  |
| 19. A second copy of the English langua   | age translation of the international application  | n under 35 U.S.C. 154(d)(4).                                  |  |  |  |  |  |
| 20. Control Other items or information: ISR; Co   | py of Written Opinion and International   | Preliminary Exam. Report with Annexes; Postcard.              |  |  |  |  |  |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## IAP12 Rec'd PCT/PTO 3 7 SEP 2006

PTO-1390 (Rev. 02-2005)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATIO   | N NO. (if known   | see 37 CFR 1.                            | 37 CFR 1.5) INTERNATIONAL APPLICATION NO. |  | ATTORNEY'S DOCKET NUMBER                 |                               |                 |
|---|---|--|---|--|--|-------------------------------|-----------------|
| 10/592U12 PCT/AU2005/000331   |   | 4046-044                                 |   |  |  |                               |                 |
| The following fees have been submitted  |   |  |   |  |  | CALCULATIONS                  | PTO USE ONLY    |
| 21. 🗶 Basic national fee  |   |  |   |  | \$ 300                                   |                               |                 |
| 22.   Examination fee  If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)   |   |  |   |  | \$100                                    | \$ 200                        |                 |
| 23. Search<br>Search fee (37 CFF<br>International<br>International Search   | n fee<br>R 1.445(a)(2)) ha<br>Il Searching Auth<br>h Report prepare | as been paid on<br>horityed and provided | the in                                    | international application to   | the USPTO as an\$100\$400                | \$ 400                        |                 |
| T   | OTAL OF 21, 22  | 2 and 23 =                               |   |  | ***                                      | \$ 900                        | 1               |
| Additional fee f  | for specification a   | and drawings file<br>program listing fi  | filed in                                  | paper over 100 sheets (e)<br>n an electronic medium).<br>aper or fraction thereof. | xcluding                                 |                               |                 |
| Total Sheets  | Extra Sheets  |  |   | dditional 50 or fraction<br>to a whole number)                                     | RATE                                     |                               |                 |
| 23 - 100 =  | 0 /50 =   | 0  |   |  | x \$250                                  | \$                            | l               |
| <u> </u>  |   |  | larati                                    | ion later than 30 months fr  |  | \$ 130                        |                 |
| CLAIMS  | NUMB  | ER FILED                                 |   | NUMBER EXTRA   | RATE                                     | \$                            |                 |
| Total claims  | 22  | - 20 =                                   | 2   |  | x \$50                                   | \$ 100                        |                 |
| Independent claims  | 2   | - 3 =                                    | 0   |  | × \$200                                  | \$ 0                          |                 |
| MULTIPLE DEPEN  | DENT CLAIM(S  | i) (if applicable)                       |   |  | + \$360                                  | \$ 0                          |                 |
|   |   |  |   |  | CALCULATIONS =                           | \$ 1,130                      |                 |
| ★ Applicant claim   | s small entity st   | atus. See 37 CF                          | R 1.2                                     | 27. Fees above are reduc   | ed by 1/2.                               |                               |                 |
|   |   |  |   |  | SUBTOTAL =                               | \$ 565                        |                 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).   |   |  |   | \$   |  |                               |                 |
| TOTAL NATIONAL FEE =  |   |  | NATIONAL FEE =                            | \$ 565   |  |                               |                 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +                            |   |  |   |  | st be accompanied +                      | \$                            |                 |
|   |   |  |   | TOTAL F  | EES ENCLOSED =                           | \$ 565                        |                 |
|   |   |  | -   |  |  | Amount to be refunded:        | \$              |
|   |   |  |   |  |  | Amount to be charged:         | \$              |
| a. A check in the amount of \$ 565 to cover the above fees is enclosed.   |   |  |   |  |  |                               |                 |
| b. Please charge my Deposit Account No. 07-1730 in the amount of \$ 565 cover the above fees.  A duplicate copy of this sheet is enclosed.  |   |  |   |  |  |                               |                 |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No.07-1730 . A duplicate copy of this sheet is enclosed. |   |  |   |  |  |                               |                 |
| d. Fees are to  | o be charged to<br>ed on this form                                  | a credit card. W                         | VARN<br>card                              | NING: Information on this f  | form may become pub<br>tion on PTO-2038. | olic. Credit card information | lion should not |
|   |   |  |   | R 1.495 has not been met<br>to pending status.                                     | t, a petition to revive                  | (37 CFR 1.137(a) or (b)       | ) must be filed |
| SEND ALL CORRESPONDENCE TO:   |   |  |   |  |  |                               |                 |
| Jeffrey M. Kaden  |   |  |   |  |  |                               |                 |
| GOTTLIEB RACKMAN & REISMAN PC 270 MADISON AVENUE  Jeffrey M. Kaden  |   |  |   |  |  |                               |                 |
| NEW YORK, NEW YORK 10016-0601   |   |  |   |  |  |                               |                 |
| US 31,268   |   |  |   |  |  |                               |                 |
| REGISTRATION  |   |  |   |  | ON NUMBER                                |                               |                 |

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### IAP12 Rec'd PCT/PTO 0 7 SEP 2006

Attorney's Docket No. 4046-044

#### IN THE UNITED STATES

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| INTERNATIONAL APPLICATION NO. | INTERNATIONAL FILING DATE | PRIORITY DATE CLAIMED     |
|-------------------------------|---------------------------|---------------------------|
| PCT/AU2005/000331             | 9 March 2005 (09.03.2005) | 9 March 2004 (09.03.2004) |
| TITLE OF THE INVENTION        |                           |                           |
| DIDE INCEDT                   |                           |                           |
| PIPE INSERT                   | 4                         |                           |
| APPLICANT                     |                           |                           |
| Derek Shane HALL              |                           |                           |

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

ATTENTION: DO/EO/US

### VERIFIED CERTIFICATION OF EXPRESS MAILING DATE (INTERNATIONAL APPLICATION (37 CFR 1.10(c))

I declare that on <u>7 September 2006</u> I deposited with the United States Postal Service in an envelope "Express Mail, Post Office to Addressee", bearing Label Number <u>EV 539589431 US</u>, addressed to the "Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" and having an express mail certification which I executed, the following papers:

Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) concerning a filing under 35 U.S.C.371, duly executed; Copy of the International Application, as published (23 pages); Copy of the International Search Report; Copy of the Written Opinion; Copy of the Preliminary Examination Report with Annexes; Preliminary Amendment (6 pages); Information Disclosure Statement/Form-1449 and cited references (4 items); Check for \$ 565.00 (filing fees); and Return Receipt Postcard

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18, of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Zoya V. Chernina
(Typed or printed name of person making this verified statement)

(Signature of person making this verified statement)

Date: 7 September 2006